

# Linear Abraser 5750

**TABER**<sup>®</sup>  
INDUSTRIES  
ISO 9001:2000 CERTIFIED

## Contoured Surface Testing

### Measure abrasion resistance and other material properties of finished products of any size or shape – flat, concave or convex.

The Linear Abraser uses a free-floating head to follow the contours of every sample, permitting testing of finished products. With virtually no limit on sample size or shape, the Linear Abraser is ideal for testing consumer products, automotive components, painted parts, printed graphics, optical products, rubber, leather, textiles, and for use in testing laboratories.

### Versatile testing with a single, rugged, durable machine.

With adjustable stroke length, speed, load, and a wide selection of Taber attachments, the Linear Abraser allows you to customize test parameters to your exact needs. Optional attachments can be used to perform scratch, coin scrape, Crockmeter, rub, pencil hardness scratch, paperclip mar, magnetic stripe abrasion, wire insulation scrape, chemical rub, plus custom testing.

### Maintain consistent testing standards with Taber's world-famous abrasives.

The Linear Abraser abrades with a Wearaser<sup>®</sup>. The size and shape of a pencil eraser, the Wearaser uses the same high-quality Taber abrasive media found in our world-famous wheels so you're assured of consistent test results.



# Linear Abraser 5750

## Contoured Surface Testing

### Standard Features:

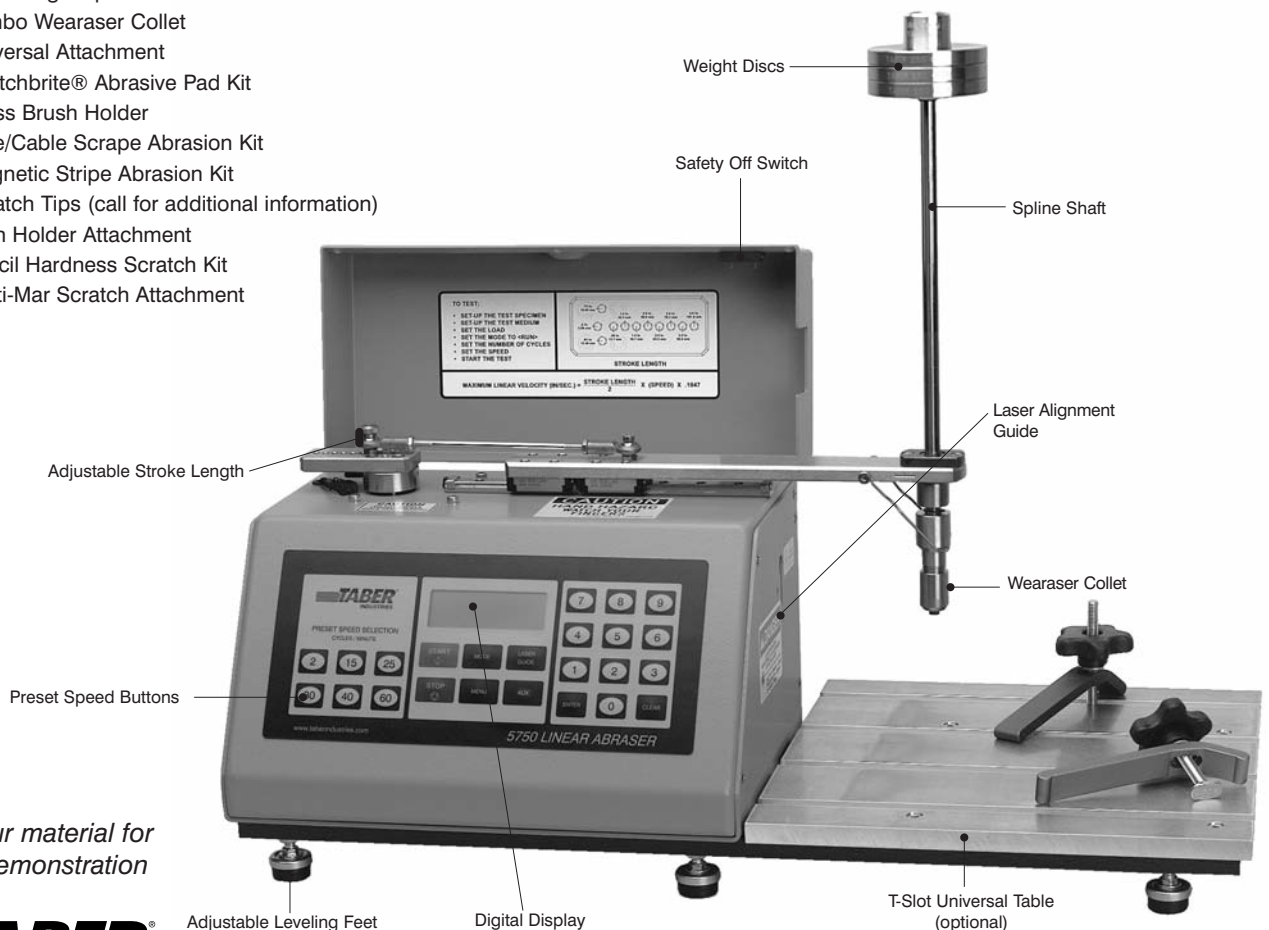
Eleven stroke lengths (0.2" to 4.0")  
Variable stroke speed from 2 – 75 cycles per minute  
Preset stroke speed buttons for 2, 15, 25, 30, 40, 60 cycles per minute  
Variable load from 350 – 2100 grams with optional weight discs  
Stainless Steel Wearaser Collet for use with vitrified  
or resilient Wearasers  
Laser alignment guide  
Programmable up to 999,999 cycles  
115V/230V switchable **CE**

### Linear Abraser Includes:

Wearaser Collet and Spline Shaft (350 grams)  
250 gram Weight Discs (3 ea.)  
CS-10 Wearasers (pkg. 10)  
H-18 Wearasers (pkg. 5)  
Power Cords (115V & 230V)  
Hex L-Key Tool  
Wearaser Depth Gauge Tool  
S-14 Refacing Strips (pkg. 50)  
Hand Brush

### Optional Accessories (sold separately):

Wide selection of abrasants:  
Calibrase® CS-8, CS-10F, CS-10, CS-17  
Calibrade® H-10, H-18, H-22, H-38  
T-Slot Universal Table  
Auxiliary weight discs (10, 20, 50, 75, 100, 150, 250 gram)  
Light weight spline kit  
Jumbo Wearaser Collet  
Universal Attachment  
Scotchbrite® Abrasive Pad Kit  
Brass Brush Holder  
Wire/Cable Scrape Abrasion Kit  
Magnetic Stripe Abrasion Kit  
Scratch Tips (call for additional information)  
Coin Holder Attachment  
Pencil Hardness Scratch Kit  
Multi-Mar Scratch Attachment



Send us your material for  
a product demonstration

**TABER**  
INDUSTRIES

Setting the Industry Standard

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# TABER® Linear Abraser Set-Up Options



The following chart is provided to assist in establishing a specific test load<sup>1</sup>. To calculate the total load, sum the combined weights of the system:

<b>TOTAL LOAD = Spline Shaft + Weight Support (optional) + Auxiliary Weight Disc(s) (optional) + Attachment</b>
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Spline Shaft			Wear & Abrasion Attachments			Scratch / Mar Attachments		
130855	Spline Kit, steel <i>10mm diam. x 300mm</i>	180g	130852	Wearaser Collet Kit, <i>stainless steel</i>	98g	133566	90° Multi-Mar Scratch, <i>w/ loop stylus</i>	100g
132190	Spline Kit, aluminum <i>10mm diam. x 300mm</i>	85g	131852	Wearaser Collet Kit, <i>aluminum</i>	28g	133136	45° Multi-Mar Scratch, <i>w/ loop stylus</i>	95g
132280	Spline Kit, aluminum <i>10mm diam. x 150mm</i>	41g	131852-1	Wearaser Collet Kit, <i>plastic</i>	16g	135025	Needle Stylus <i>(for Multi-Mar Scratch)</i>	--
<b>Weight Support</b>			131862	Wearaser Collet Kit, <i>jumbo</i>	43g	133139	Hoffman Stylus <i>(for Multi-Mar Scratch)</i>	--
133554	Weight Support, for <i>steel spline shaft</i> 350g base load	72g	130572	Universal Attachment, <i>stainless steel 25.4mm dia.</i>	98g	133178	Copper Coin <i>(for Multi-Mar Scratch)</i>	--
133556	Weight Support, for <i>aluminum shaft</i> 350g base load	167g	135430	Universal Attachment, <i>aluminum 50.8mm dia.</i>	98g	135447 135447-1	Stainless Steel Coin <i>(for Multi-Mar Scratch)</i>	--
<b>Auxiliary Weight Discs</b>			132735	Precision Knuckle Attachment	135g	133553	Conical Scratch Tip, 0.10mm Diameter	9g
132716	Auxiliary Weight Disc, <i>10g</i>	10g	130570	Crockmeter Kit <i>16mm dia.</i>	166g	133555	Conical Scratch Tip, 0.25mm Diameter	9g
136306	Auxiliary Weight Disc, <i>15g</i>	15g	134571	Crock Block Kit w/holder <i>19mm x 25.4mm</i>	166g	135167	Conical Scratch Tip, 0.30mm Diameter	10g
132717	Auxiliary Weight Disc, <i>20g</i>	20g	132700	Square Crock Finger, <i>requires Crockmeter Kit</i>	28g	133557	Conical Scratch Tip, 0.40mm Diameter	10g
131548	Auxiliary Weight Disc, <i>50g</i>	50g	134550	Rectangular Crock Block, <i>40mm x 85mm</i>	170g	133559	Conical Scratch Tip, 0.50mm Diameter	10g
131611	Auxiliary Weight Disc, <i>75g</i>	75g	134298	Special Crock Attachment, <i>stainless steel; R10mm</i>	125g	135166	Conical Scratch Tip, 0.60mm Diameter	10g
131612	Auxiliary Weight Disc, <i>100g</i>	100g	135681	Rubbing Adapter C, <i>requires Crockmeter Kit</i>	172g	135243	Conical Scratch Tip, 0.75mm Diameter	10g
135174	Auxiliary Weight Disc, <i>110g</i>	110g	134656	10mm Padded Square Finger Attachment	27g	134622	Conical Scratch Tip, 1.0mm Diameter	10g
131373	Auxiliary Weight Disc, <i>150g</i>	150g	134658	20mm Padded Square Finger Attachment	39g	135193	Hemisphere Scratch Tip, 1.0 mm dia. - steel w/HRC60-66	9.5g
130285	Auxiliary Weight Disc, <i>250g</i>	250g	134985	Steel Wool Holder Kit	22.5g	132347	Hemisphere Scratch Tip, 1.0 mm dia. - tungsten carbide	9.5g
134218-1	Auxiliary Weight, <i>1000g</i>	1000g	133432	ScotchBrite™ Abrasive Pad Kit	58g	135627	Hemisphere Mar Tip, 3.0 mm dia. - tungsten carbide	10.5g
134218-2	Auxiliary Weight, <i>2000g</i>	2000g	133450	Brass Brush Holder Attachment Kit	79g	132348	Hemisphere Mar Tip, 7.0 mm dia. - tungsten carbide	11.5g
132740	Precision Weight Kit, <i>(mounts to spline shaft)</i>	Min. 7g	133423	Test Wedge Kit, includes SIC 320 sandpaper	180g	134672	Hemisphere Mar Tip, 15.0 mm dia. - tungsten carbide	58.7g
132710	Precision Weight Post, <i>(mounts to weight holder)</i>	Min. 35g	134380	Wire Scrape Attachment, 1mm diam. wire	81g	130575	Scratch Kit, Stainless Steel w/ Conical Diamond Tool	98g
<b>Accessories</b>			134495	Wire Scrape Attachment, 0.635mm diam. wire	81g	131604	Scratch Kit, Aluminum w/ Conical Diamond Tool	33g
131877	Multi-Head Attachment, <i>with aluminum spline shaft</i>	--	133060 134887	Wire/Cable Scrape Abrasion Kit	63g	132892 132910	Diamond Tool Holder, w/ 90° Conical Diamond Tool	9g
131877-1	Multi-Head Attachment, <i>with steel spline shaft</i>	--	133370 134583	Flexible Material Abrasion Kit	17g	134981	Diamond Tool Holder, w/ 60° Conical Diamond Tool	9g
						133475	Scraper, 5mm	37g
						133476	Scraper, 10mm	46g
						131716	Coin Holder Kit, 45; 60; or 75 degree	40g
						133453	Pencil Hardness Scratch Kit includes weight of pencil	34g



**NOTES:**

- a) The standard load is 350g (includes mass of spline shaft; weight support; and steel wearaser collet kit).
- b) If no accessory weight discs are required, it is possible to reduce the load by removing the weight support.
- c) Recommended **MAXIMUM** loads:
 

Spline Kit, steel (130855):	2400 grams
Spline Kit, aluminum (132190):	2100 grams
Spline Kit, aluminum (132280):	2100 grams
- e) T-Slot Universal Table (133336) or Universal Specimen Table (131734) are strongly recommended.

<sup>1</sup> Mass of attachments are for information purposes only, and do not include tolerances